

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Z-SHADE CO., LTD.;
COSTCO WHOLESALE CORPORATION;
LOWE'S HOME CENTERS, LLC; and
SHELTERLOGIC CORP.
Petitioners

v.

CARAVAN CANOPY INTERNATIONAL, INC.
Patent Owner

Case IPR2021-00449
Patent No. 5,944,040

**PETITION FOR *INTER PARTES* REVIEW OF
U.S. PATENT NO. 5,944,040**

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